

ABSTRACT OF THE DISCLOSURE

Peptides having, as constitutive amino acids, (1)
4 glutamine residues, 1 glutamic acid residue, 1 serine
residue, 2 valine residues, 1 isoleucine residue and
5 5 leucine residues, and having a 3-hydroxydecanoyl
group bonded, via an amide linkage, to the N-terminal
leucine residue thereof; (2) 4 glutamine residues,
1 glutamic acid residue, 1 serine residue, 3 valine
residues, and 5 leucine residues, and having
10 a 3-hydroxydecanoyl group bonded, via an amide linkage,
to the N-terminal leucine residue thereof; or (3)
4 glutamine residues, 1 glutamic acid residue, 1 serine
residue, 2 valine residues, 1 isoleucine residue and 5
leucine residues, and having a 3-hydroxydodec-5-enoyl
15 group bonded, via an amide linkage, to the N-terminal
leucine residue thereof. The peptides have an
antiviral activity. A strain capable of producing the
above peptides and belonging to a new species of genus
Pseudomonas.